6 46

## RECEIVED TECH CENTER 1600/2900



1600

DATE: 11/13/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/898,234B TIME: 15:47:18

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Output Set: N:\CRF4\11132002\1898234B.raw

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       Himmler, Adolph
        Maurer-Fogy, Ingrid
        Stratowa, Christian
 8 <120> TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for.
        Them
11 <130> FILE REFERENCE: 98-385-I
13 <140> CURRENT APPLICATION NUMBER: 09/898,234B
14 <141> CURRENT FILING DATE: 2001-07-03
16 <150> PRIOR APPLICATION NUMBER: 09/525,998
17 <151> PRIOR FILING DATE: 2000-03-15
19 <150> PRIOR APPLICATION NUMBER: 08/383,676
20 <151> PRIOR FILING DATE: 1995-02-01
22 <150> PRIOR APPLICATION NUMBER: 08/153,287
23 <151> PRIOR FILING DATE: 1993-11-17
25 <150> PRIOR APPLICATION NUMBER: 07/821,750
26 <151> PRIOR FILING DATE: 1992-01-02
28 <150> PRIOR APPLICATION NUMBER: 07/511,430
29 <151> PRIOR FILING DATE: 1990-04-20
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33 <170> SOFTWARE: PatentIn Ver. 2.0
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RAW SEQUENCE LISTING DATE: 11/13/2002 PATENT APPLICATION: US/09/898,234B TIME: 15:47:18

Input Set : A:\98385Iseq.txt

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	GLu	Leu	Leu	Val	GLY	Ile	Tyr	Pro		GLY	Val	Ile	GLY		Val	Pro	
67				20					25					30			
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71			35					40					45				
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	Tyr		Hls	Pro	GIn	Asn		Ser	Ile	Cys	Cys		Lys	Cys	His	Lys	
75		50					55					60					
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		Thr	Tyr	Leu	Tyr		Asp	Cys	Pro	Gly		Gly	Gln	Asp	Thr.	_	
79	65					70					75					80	
				tgt													288
	Cys	Arg	Glu	Cys		Ser	Gly	Ser	Phe		Ala	Ser	Glu	Asn.		Leu	
83					85					90					95		
				ctc													336
	Arg	His	Cys	Leu	Ser	Cys	Ser	Lys		Arg	Lys	Glu	Met		Gln	Val	
87				100					105					110			
				tct													384
	Glu	Ile		Ser	Cys	Thr	Val		Arg	Asp				Gly	Cys-	Arg	
91			115					120	i				125				
				tac								*					432
	Lys		Gln	Tyr	Arg	His	_	Trp	Ser	Gľu	Asn		Phe	Gln	Cys	Phe	
95		130					135					140					
				ctc													480
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	145					150					155					160	
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		Glr	n Asn	Thr			Thr	Cys	His		_	Phe	Phe	Let	-	Glu	
103					165					170					175		
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		Glu	ı Cys			Cys	Ser	Asn			Lys	'Ser	Leu			Thr	
107				180					185			•		190			
																tca	624
		Leu			Pro	Gln	Ile			Val	. Lys	Gly			Asp	Ser	
111			195					200					205				
																ctt	672
	_			· Val	Leu	Leu			Val	Ile	Phe		-	/ Leu	су Су	Leu	
115		210					215			•		220					
																g aag	720
			Leu	ı Leu	Phe			Leu	Met	Tyr	_	-	Gln	n Arg	Trp	Lys	
	225					230					235					240	
121	tcc	aag	, ctc	: tac	tcc	att	gtt	tgt	ggg	aaa	tcg	aca	. cct	gaa	aaa	gag	768
		гу	Leu	Tyr			Val	Cys	Gly			Thr	Pro	Glu		Glu	
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/898,234B

DATE: 11/13/2002 TIME: 15:47:18

Input Set : A:\98385Iseq.txt

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138	Pro	Asn	Phe	Ala	Ala	Pro	Arg	Arg	Glu	Val	Ala	Pro	Pro	Tyr	Gln	Gly	
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142	Ala	Asp	Pro	Ile	Leu	Ala	Thr	Ala	Leu	Ala	Ser	Asp	Pro	Ile	Pro	Asn	
143					325					330					335		
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146	Pro	Leu	Gln	Lys	Trp	Glu	Asp	Ser	Ala	His	Lys	Pro	Gln	Ser	Leu	Asp	
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151			355					360					365				
		cgc															1152
	Leu	Arg	Trp	Lys	Glu	Phe		Arg	-		_		Ser	Asp	His	Ģlu	
155		370					375					380					
		gat															1200
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	385					390					395					400	
		agc										•					1248
	Tyr	Ser	Met	Leu		Thr	Trp	Arg	Arg	_	Thr	Pro	Arg	Arg		Ala	
163					405					410					415		1000
		ctg															1296
	Thr	Leu	GIU		ьeu	GIY	Arg	vai		Arg	Asp	мет	Asp		Leu	GIĀ	
167		~+~	~~~	420	a + =	~~~	~~~	~~~	425	+	~~~	~~~	~~~	430	a+ a	~~~	1244
		ctg															1344
171	Cys	Leu	435	ASP	TTE	GIU	GIU	440	neu	Cys	GIY	PIO	445	Ala	ьeu	FIO	
	000	gcg		agt.	a++	ata	242						443				1368
		Ala		_			_	Lya									1300
175	PIO	450	FIO	261	шец	neu	455										
	Z210	430 0> SI	ZO TI	) NO	. 2		433										
		1> LI								i		ť					
		2> T			,,												
		3> OI			Home	o sar	oiens	3									
		0> SI				Ju	, 10111	•									
		Gly				Val	Pro	Asp	Leu	Leu	Leu	Pro	Leu	Val	Leu	Leu	
185		1			5					10					15		
		Leu	Leu	Val	Glv	Ile	Tvr	Pro	Ser		Val	Ile	Glv	Leu		Pro	
188				20	1				25	4			1	30			
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191			35	-	_		-	40			.,		45		-	-	
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/898,234B

DATE: 11/13/2002 TIME: 15:47:18

Input Set : A:\98385Iseq.txt

194		50					55					60				
			ጥህን	T.e.11	Ͳυν	λen	Asp	Cvc	Dro	Cl v	Dro		Cln	7 cn	Πh~	λαν
197		1111	TYT	Leu	TYT	70	vab	Cys	FLO	Gly	75	GIY	GIII	ASP	1111	80
199	Cys	Arg	Glu	Cys	Glu	Ser	Gly	Ser	Phe	Thr	Ala	Ser	Glu	Asn	His	Leu
200					85					90					95	
202	Arg	His	Cys	Leu	Ser	Cys	Ser	Lys	Cys	Arg	Lys	Glu	Met	Gly	Gln	Val
203				100					105					110		
205	Glu	Ile	Ser	Ser	Cys	Thr	Val	Asp	Arg	Asp	Thr	Val	Cys	Gly	Cys	Arg
206			115					120	_	_			125	-	_	
208	Lys	Asn	Gln	Tyr	Arg	His	Tyr	Trp	Ser	Glu	Asn	Leu	Phe	Gln	Cys	Phe
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211	Asn	Cys	Ser	Leu	Cys	Leu	Asn	Gly	Thr	Val	His	Leu	Ser	Cys	Gln	Glu
	145					150					155					160
214	Lys	Gln	Asn	Thr	Val	Cys	Thr	Cys	His	Ala	Gly	Phe	Phe	Leu	Arg	Glu
215					165					170					175	
217	Asn	Glu	Cys	Val	Ser	Cys	Ser	Asn	Cys	Lys	Lys	Ser	Leu	Glu	Cys	Thr
218				180					185					190		
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	225					230					235					240
	Ser	Lys	Leu	Tyr		Ile	Val	Cys	Gly		Ser	Thr	Pro	Glu	_	Glu
230			_		245					250					255	
	Gly	Glu	Leu		Gly	Thr	Thr	Thr		Pro	Leu	Ala	Pro		Pro	Ser
233	1	_	_	260	_				265					270		
	Pne	Ser		Thr	Pro	GLY	Phe		Pro	Thr	Leu	GŢĀ		Ser	Pro	Val
236	D	C	275	m \	D1	m)	G	280	<b>a</b>	m1	<u> </u>	m1	285		_	_
	Pro		ser	Thr	Pne	Thr	Ser 295	Ser	ser	Thr	чyr		Pro	GTĀ	Asp	Cys
239	Dwo	290	Dha	77.	77.	Dwo		N		¥7- 7	3 1. ±	300	D	m	01	<b>~1</b>
	305	ASII	Pne	Ala	Ата	310	Arg	Arg	GIU	vaa		PIO	Pro	Tyr	GIN	
		7 00	Dro	т1 о	Tou		mb	71-	Tan	71~	315	2	D	T1_	D	320
245	Ala	АБР	PIO	me	325	Ald	Thr	Ald	ьeu	330	ser	ASP	Pro	TTE	335	Asn
	Dro	Lau	Gln.	Lvc		Clu	Asp	Car	7 l n		Tree	Dro	Cln	Cor		N a m
248	110	пси	G111	340	115	Giu	кър	261	345		цуs ·	FIO	GIII	350	ьеи	ASP
	Thr	Asp	Asp		Δla	ጥከተ	Leu	ጥህጉ				Glu	Aen		Pro	Pro
251		op	355		mru	****	шец	360	niu	vai	γ ω <u>.</u> .	GIU	365	Val	110	1,10
	Leu	Ara		Lvs	Glu	Phe	Val		Ara	T.eu	Glv	T.e.u		Asn	His	Glu
254		370			014		375		*** 9	шец	011	380	UCI	nop	1110	Olu
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257	385		5			390	<b>.</b>			5	395	Deu		Olu		400
		Ser	Met	Leu	Ala		Trp	Ara	Ara	Ara		Pro	Ara	Ara	Glu	
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	Thr	Leu	Glu	Leu		Gly	Arg	Val	Leu		asp	Met	Asp	Leu		Glv
263				420		- 4	3		425	رو د	·			430		1
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266	-		435	-				440		-	-		445	•		

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/898,234B

DATE: 11/13/2002 TIME: 15:47:18

Input Set : A:\98385Iseq.txt

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	Ile Cys	-		_	_						_			-	-	
288	_	-	20	-	-		-	25		_		_	30	_	_	
290	cca ggc	ccg	ggg	cag	gat	acg	gac	tgc	agg	gag	tgt	gag	agc	ggc	tcc	144
	Pro Gly															
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295	Phe Thr	Ala	Ser	Glu	Asn	His	Leu	Arg	His	Cys	Leu	Ser	Cys	Ser	Lys	
296	50					55		•			60					
298	tgc cga	aag	gaa	atg	ggt	cag	gtg	gaġ	atc	tċť	tct	tgc	aca	gtg	gac	240
299	Cys Arg	Lys (	Glu	Met	Gly	Gln	Val	Glu	Ile	Ser	Ser	Cys	Thr	Val	Asp	
300	65				70					75					80	
	cgg gac															288
	Arg Asp	Thr '	Val	_	Gly	Cys	Arg	Lys		Gln	Tyr	Arg	His	_	Trp	
304	•			85					90					95		
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	Ser Glu			Phe	Gln	Cys	Phe		Cys	Ser	Leu	Cys		Asn	Gly	
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	Thr Val		ьеu	Ser	Cys	GIn		ьуs	GIn	Asn	Thr		Cys	Thr	Cys	
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	cat gca															432
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	Cys Lys		_	_		-	_	_	_	_			_			480
	145	цуъ .	SEI	ьец	150	Cys	TIIT	туу	ьeu	155	neu	FIO	GIII	TIE	160	
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333	1		-	5		-	-	-	10	•				15		

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/898,234B

DATE: 11/13/2002 TIME: 15:47:19

Input Set : A:\98385Iseq.txt

Output Set: N:\CRF4\11132002\I898234B.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the  $\langle 220 \rangle$  to  $\langle 223 \rangle$  fields of each sequence which presents at least one n or Xaa.

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Seq#:29; Xaa Pos. 7
Seq#:32; Xaa Pos. 1,2
Seq#:36; Xaa Pos. 6,10,11,12
Seq#:41; Xaa Pos. 9,10,11
Seq#:43; Xaa Pos. 6,18
Seq#:44; Xaa Pos. 16,17
Seq#:46; Xaa Pos. 7
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## Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

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